

**MBNMS Research Activity Panel
Meeting Agenda
November 18, 2011**

Hosts: Rick Starr – Shelf and Slope Ecology (California Sea Grant Extension)
Erika McPhee-Shaw – Physical Oceanography (Moss Landing Marine Labs)

Location: Moss Landing Marine Labs
Seminar Room
8272 Moss Landing Road
Moss Landing, CA 95039

Date: Friday, November 18th, 2011; 9:00 am to 12:00 pm

Members:

	Name	Discipline	Institution	Primary/ Alternate
	Abeles, Adina	Marine Policy	Center for Ocean Solutions	primary
	Cailliet, Greg	Deep-Sea Ecology	Moss Landing Marine Laboratories	primary
	Carr, Mark	Nearshore Ecology	University of California, Santa Cruz	alternate
	Chavez, Francisco	Biological Oceanography	Monterey Bay Aquarium Research Institute	alternate
	David, Aimee	Marine Policy	Center for the Future of the Oceans, MBA	alternate
	DeVogelaere, Andrew	Research Coordinator	Monterey Bay National Marine Sanctuary	
	Epel, David	Water Quality	Hopkins Marine Station	alternate
	Grimes, Churchill	Fisheries	NOAA Fisheries Service (retired)	primary
	Haddock, Steve	Deep-Sea Ecology	Monterey Bay Aquarium Research Institute	alternate
	Harrold, Chris*	Marine Conservation Biology	Monterey Bay Aquarium	primary
	Kudela, Raphael	Biological Oceanography	University of California, Santa Cruz	primary
	Lindholm, James†	Nearshore Ecology	California State University Monterey Bay	primary
	McPhee-Shaw, Erika	Physical Oceanography	Moss Landing Marine Laboratories	primary
	Micheli, Fiorenza	Marine Conservation Biology	Hopkins Marine Station	alternate
	Paull, Charles	Marine & Coastal Geology	Monterey Bay Aquarium Research Institute	alternate
	Pomeroy, Caroline	Social Sciences	California Sea Grant Extension Program	primary
	Ramp, Steve	Physical Oceanography	Soliton Ocean Services, Inc./NPS	alternate
	Scorse, Jason	Social Sciences	Monterey Institute of International Studies	alternate
	Starr, Rick	Shelf & Slope Ecology	California Sea Grant Extension Program	alternate
	Storlazzi, Curt	Marine & Coastal Geology	United States Geological Survey	primary
	Wasson, Kerstin	Estuarine Ecology	Elkhorn Slough NERR and Foundation	primary
		Estuarine Ecology		alternate
		Fisheries		alternate
		Shelf & Slope Ecology		primary
		Water Quality		primary

*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate)

RAP Coordinator:

Burton, Erica	Monterey Bay National Marine Sanctuary
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CONSENT ITEMS

09:00 – 09:10 Introductions/Modifications to the Agenda (Harrold)

HOST PRESENTATION AND DISCUSSION

09:10 – 09:40

- 1) Integrating MLMA and MLPA (Starr)
- 2) Research update: NSF Monterey Bay shelf benthic exchange project involving MLML, NPS, and MBARI scientists (McPhee-Shaw)
 - Presentation (20 min)
 - RAP Discussion (10 min)

PRESENTATION REQUESTED BY RAP

ECOSYSTEM-BASED MANAGEMENT INITIATIVE (EBMI)

09:40 – 10:40 Local Sentinel Site Concept
(Chad King/MBNMS; Steve Gittings/ONMS; Jim Sullivan/NOS)

- Presentation (15 min)
- RAP Discussion (45 min)

BREAK

10:40 – 10:55

PRESENTATION AND DISCUSSION

10:55 – 11:25 Characterizing the Deep (Lindholm)

- Presentation (20 min)
- RAP Discussion (10 min)

STAFF/SAC REQUESTS TO RAP

11:25 – 11:40 Call for Nominations: Ed Ricketts Memorial Award and Lecture (Erica Burton/MBNMS)

- Presentation (5 min)
- RAP Discussion (10 min)

SANCTUARY RESEARCH UPDATE

11:40 – 11:55 Sanctuary Research Update (DeVogelaere)

- Presentation (5 min)
- RAP Discussion (10 min)

SUGGESTED FUTURE AGENDA ITEMS

11:55 – 12:00

ADJOURN

12:00

Future Agenda Items (running list):

- Predicting sea level rise for the state of California (Larry Breaker, JPL, OPC)
- EBMI/IEA
 - IEAs, including those that have been implemented (e.g., Phil Levin, Frank Schwing, John Stein; per Yoklavich)
- Ken Johnson work in Elkhorn Slough (per McPhee-Shaw)
- Marine Policy issues (Sacramento; D.C.) that may need science input (per Ramp; Aimee David volunteered; or Adina Abeles)
- Climate Change
 - Rather than MBNMS tackle all climate change topics, perhaps let GFNMS/CBNMS continue as lead on climate change issues (per DeVogelaere), and request the following presentations:
 - GFNMS/CBNMS Ocean Climate Initiative (speaker: Higgason)
 - GFNMS/CBNMS Climate Change Impacts Report (speaker: Largier)
 - Perhaps tackle what GFNMS/CBNMS not working on (e.g., low oxygen; per Kudela)
 - Storlazzi is willing to help organize a general meeting on climate change science; State of the Science of climate change; adaptation plans; Perhaps MBCORC hosts a 1 or 2 day science meeting
 - CA coast (Lisa Sloan, UCSC; sea level rise, Breaker)
 - High-res climate models of CA (UCSC; or Dan Cayan or Dettinger/USGS)
 - What differences MBNMS might observe (per Starr)
 - NOAA Coastal Services Center putting together climate adaptation visualization tool (per Hunt)
 - Combine several sea level rise talks, including southern Monterey bay group, tidal wetland plan (Largay), and Breaker's talk (not urgent)
- Desalination update (per Abeles); things have changed since Brad Damitz talked to the RAP; get speakers who lead projects (MBNMS staff to determine; ask Raimondi for advice....Cambria)
- RAP Membership Committee update

2011 RAP Meeting Schedule and Locations

Date	Host	Location
January 14	Lindholm	CSU Monterey Bay
March 11	Scorse	Monterey Institute of International Studies
May 13	Haddock	Monterey Bay Aquarium Research Institute
July 8	Pomeroy/Carr	Long Marine Lab, UC Santa Cruz
September 9	Harrold	Monterey Bay Aquarium
November 18	Starr	Moss Landing Marine Laboratories

RAP Meeting Location (11/18/11):

Moss Landing Marine Labs
 Seminar Room
 8272 Moss Landing Road
 Moss Landing, CA 95039

Driving Directions to RAP meeting:

<http://www.mlml.calstate.edu/about-us/map>

